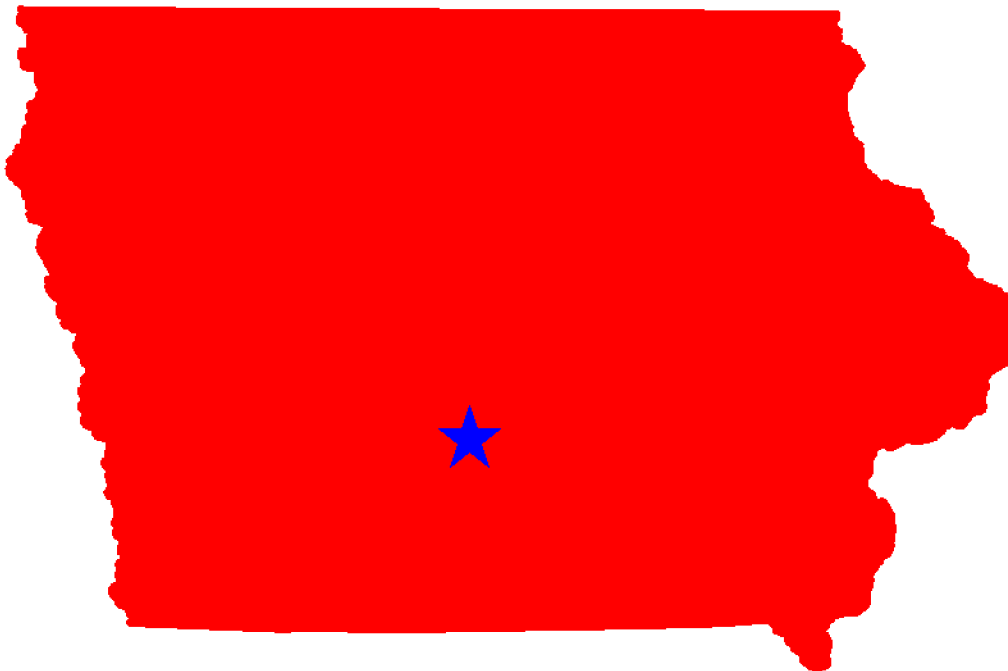




Traffic Safety Facts Iowa 2003-2007



This Report Contains Data From the Following Sources:
Fatality Data - NCSA Fatality Analysis Reporting System (FARS)
FARS Data: 2003-2006 Final File and 2007 Annual Report File (ARF)
Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Iowa State Survey
Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)
Population Data - U.S. Bureau of the Census



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Fatality Rates: Iowa , U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2003	Iowa	443	31,108	1.42	2,935,991	15.09
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Iowa	388	31,538	1.23	2,946,009	13.17
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Iowa	450	31,060	1.45	2,955,587	15.23
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Iowa	439	31,355	1.40	2,972,566	14.77
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Iowa	445			2,988,046	14.89
	US	41,059	2,996,409	1.37	301,621,157	13.61
	Best State*					6.47

*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States

2007 State Vehicle Miles Traveled (VMT) Data is Currently Not Available. 2007 National VMT is a Preliminary Estimate and Subject to Change

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Alcohol-Related Fatalities: Iowa , U.S. and Best State (Old Definition)

Year		Total Fatalities in all Crashes	Alcohol-Related Fatalities**				Alcohol-Related Fatalities (BAC = .08+) Per 100 Million VMT
			BAC = .01+		BAC = .08+		
			Number	Percent	Number	Percent	
2003	Iowa	443	145	33	119	27	0.38
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Iowa	388	111	29	92	24	0.29
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Iowa	450	117	26	100	22	0.32
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		13	0.14
2006	Iowa	439	145	33	126	29	0.40
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Iowa	445	146	33	114	26	
	US	41,059	17,036	41	14,575	35	0.49
	Best State*			23		19	

*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers, Motorcycle Riders, Pedalcyclists and Pedestrians

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Alcohol-Impaired Driving Fatalities: Iowa , U.S. and Best State (New Definition)

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)**		Alcohol-Impaired Driving Fatalities (BAC = .08+) Per 100 Million VMT
			Number	Percent	
2003	Iowa	443	114	26	0.36
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Iowa	388	87	22	0.27
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Iowa	450	94	21	0.30
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Iowa	439	119	27	0.38
	US	42,708	13,491	32	0.45
	Best State*			19	0.20
2007	Iowa	445	106	24	
	US	41,059	12,998	32	0.43
	Best State*			17	

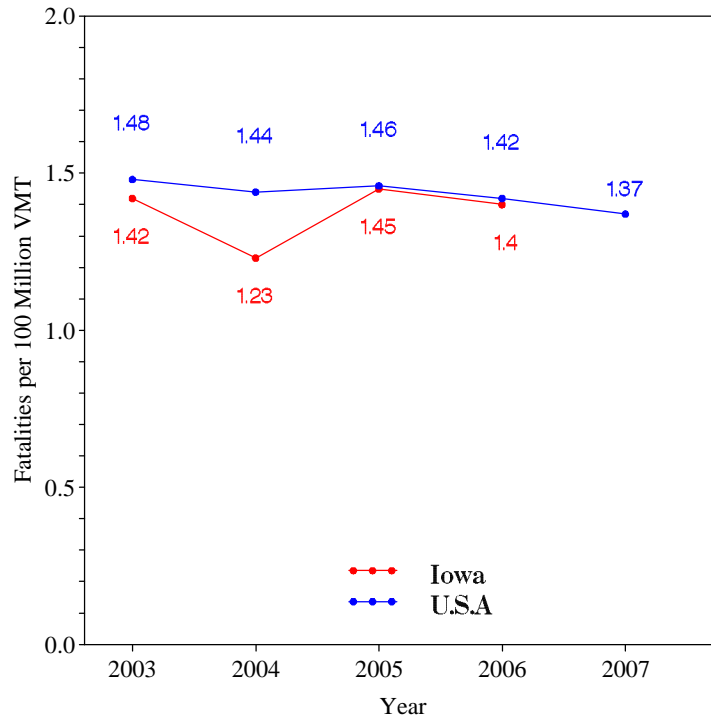
*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers and Motorcycle Riders Only

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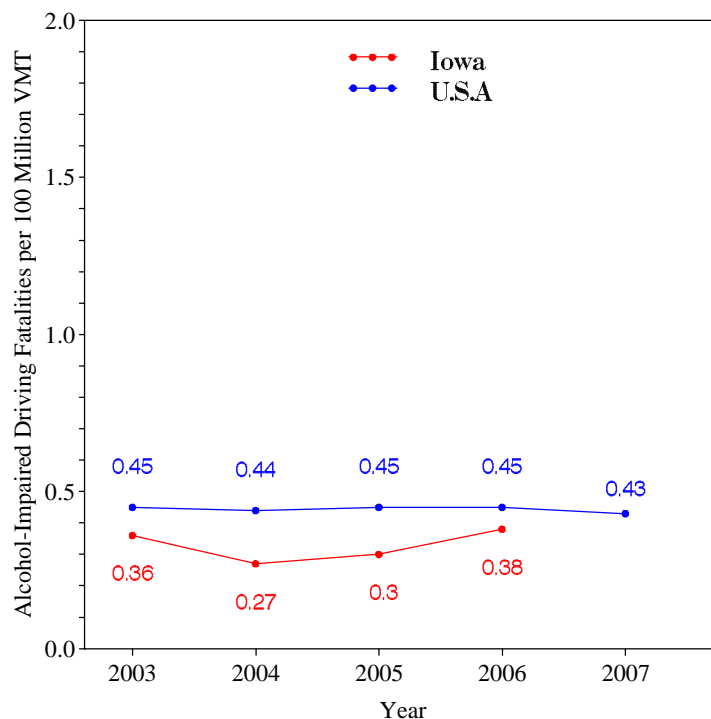


Fatalities per 100 Million VMT: Iowa and U.S



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Alcohol-Impaired Driving Fatalities per 100 Million VMT: Iowa and U.S



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Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Riders (Operators) Involved in Fatal Crashes: Iowa , U.S. and Best State

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2003	Iowa	119	50	42	241	105	44	360	155	43
	US	51,793	12,358	24	32,471	22,718	70	84,264	35,076	42
	Best State*			87			98			89
2004	Iowa	125	46	37	197	77	39	322	123	38
	US	51,440	12,277	24	32,596	21,984	67	84,036	34,261	41
	Best State*			84			97			90
2005	Iowa	135	55	41	228	94	41	363	149	41
	US	51,791	10,963	21	33,288	22,436	67	85,079	33,399	39
	Best State*			89			98			91
2006	Iowa	112	38	34	243	88	36	355	126	35
	US	49,884	11,028	22	32,940	22,531	68	82,824	33,559	41
	Best State*			86			100			87
2007	Iowa	127	54	43	235	91	39	362	145	40
	US	47,786	9,975	21	31,867	20,261	64	79,653	30,236	38
	Best State*			84			97			86

*State (or States) With Highest Percents: Highest Percents Could Be in Different States

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Passenger Vehicle Occupant Fatalities by Restraint Use: Iowa , U.S. and Best State

Year		Total Passenger Vehicle Occupant Fatalities	Total Passenger Vehicle Occupant Fatalities Restrained**		Observed Passenger Vehicle Occupant Restraint Use in all Traffic***
		Number	Number	Percent	Percent
2003	Iowa	349	170	49	87
	US	32,271	14,075	44	79
	Best State*			64	95
2004	Iowa	304	147	48	86
	US	31,866	14,225	45	80
	Best State*			68	95
2005	Iowa	354	192	54	86
	US	31,549	14,061	45	82
	Best State*			68	95
2006	Iowa	329	183	56	90
	US	30,686	13,760	45	81
	Best State*			66	96
2007	Iowa	333	165	50	91
	US	28,933	13,306	46	82
	Best State*			64	98

*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

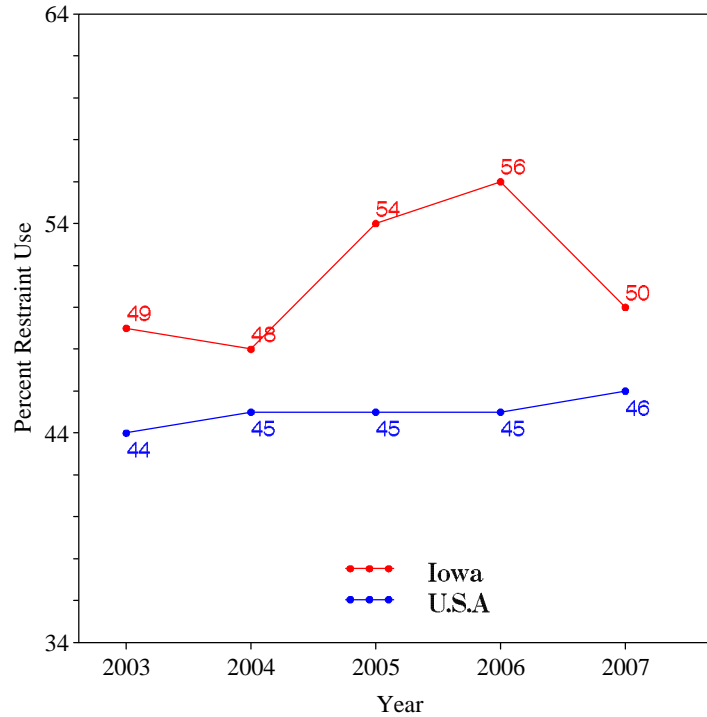
**Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

***USA Data: National Occupant Protection Use Survey. Iowa Data: State Survey

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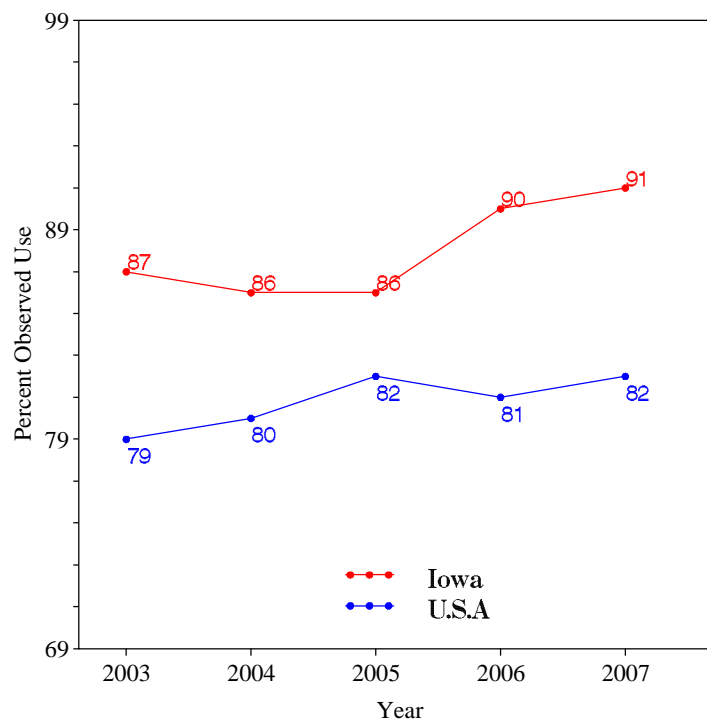


Passenger Vehicle Occupant Fatalities by Percent Restraint Use: Iowa and U.S



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Passenger Vehicle Occupants by Percent Restraint Use Observed: Iowa and U.S



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Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged 5 and Above*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt Use	Potential Additional Lives Savable at 100% Usage
2003	344	167	177	173	48
2004	300	144	156	158	45
2005	347	186	161	210	52
2006	322	177	145	197	47
2007	326	159	167	184	42

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

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Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged Under 5*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt and Child Seat Usage	Potential Additional Lives Savable at 100% Usage
2003	4	3	1	1	1
2004	4	3	1	4	1
2005	5	5	0	5	1
2006	7	5	2	6	1
2007	6	5	1	6	

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

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Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Motorcycle Rider Fatalities*			Motorcycle Rider Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Lives Saved at Current Helmet Use	Potential Additional Lives Savable at 100% Usage
2003	51	1	50	1	19
2004	36	10	26	6	10
2005	45	16	29	10	10
2006	57	8	49	5	18
2007	62	8	54	5	20

*Unknown Helmet Use Was Proportionally Distributed Across Known Helmet Use

**Lives Saved Estimates

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Fatalities by Person Type

Person Type		2003		2004		2005		2006		2007	
		#	%	#	%	#	%	#	%	#	%
Occupants	Passenger Car	205	16	189	17	222	17	213	17	177	14
	Light Truck - Pickup	84	7	56	5	56	4	58	5	63	5
	Light Truck - Utility	36	3	34	3	50	4	38	3	52	4
	Light Truck - Van	24	2	25	2	26	2	19	2	41	3
	Light Truck - Other	0	0	0	0	0	0	1	0	0	0
	Large Truck	8	1	8	1	6	0	12	1	12	1
	Other/Unknown Occupants	11	1	8	1	9	1	9	1	7	1
	Total Occupants	368	29	320	28	369	28	350	28	352	28
Motorcyclists	Motorcycle	51	4	36	3	45	3	57	5	62	5
Non-Occupants	Pedestrian	18	1	24	2	24	2	25	2	23	2
	Bicyclist and Other Cyclist	3	0	7	1	11	1	5	0	7	1
	Other/Unknown Non-Occupants	3	0	1	0	1	0	2	0	1	0
	Total Non-Occupants	24	2	32	3	36	3	32	3	31	2
Total	Total	443	35	388	34	450	34	439	35	445	35

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Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
Total Fatalities (All Crashes)	443	388	450	439	445
- Single Vehicle (1)	239	182	227	226	248
- Involving a Large Truck (2)	77	70	73	75	71
- Involving Speeding (3)	68	31	44	31	38
- Involving a Rollover (4)	126	104	126	115	129
- Involving a Roadway Departure (5)	278	221	285	267	276
- Involving an Intersection (or Intersection related) (6)	109	105	98	111	104

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

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Motorcyclist Fatalities by Age

Year	Age						Total
	<20	20-29	30-39	40-49	50-59	>59	
2003	2	12	10	17	6	1	48
2004	4	10	5	9	5	1	34
2005	2	7	8	11	10	5	43
2006	2	13	12	18	8	2	55
2007	2	11	13	13	17	5	61

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Motorcyclist Fatalities Per 100,000 Registered Motorcycles*

Year	Motorcyclist Fatalities	Total Motorcycle Registrations	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2003	48	140,000	34.29
2004	34	140,000	24.29
2005	43	146,362	29.38
2006	55	161,106	34.14
2007	61		

*Data Source: FHWA

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Top 10 Counties for Fatalities and Fatality Rates

Top 10 Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Polk County	32	7.65
2	Scott County	18	11.06
3	Linn County	16	7.77
4	Webster County	16	41.46
5	Boone County	13	49.26
6	Pottawattamie County	13	14.54
7	Plymouth County	12	49.23
8	Story County	12	14.16
9	Clinton County	11	22.43
10	Johnson County	11	8.75

Median Rate for all U.S. Counties: 20.32

Top 10 Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Sac County	8	77.03
2	Davis County	5	58.33
3	Boone County	13	49.26
4	Plymouth County	12	49.23
5	Keokuk County	5	46.43
6	Wright County	6	45.93
7	Tama County	8	44.81
8	Iowa County	7	43.99
9	Palo Alto County	4	42.36
10	Clay County	7	41.94

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Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates

Top 10 Alcohol-Impaired Driving Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Polk County	10	2.46
2	Scott County	7	4.30
3	Pottawattamie County	5	5.26
4	Webster County	4	11.40
5	Black Hawk County	4	3.14
6	Clinton County	4	7.14
7	Linn County	4	1.70
8	Plymouth County	3	13.13
9	Woodbury County	3	3.03
10	Story County	3	3.54

Median Rate for all U.S. Counties: 5.11

Top 10 Alcohol-Impaired Driving Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Worth County	2	26.02
2	Monona County	2	21.90
3	Lyon County	2	17.75
4	Osceola County	1	15.46
5	Winneshiek County	3	14.35
6	Louisa County	2	13.57
7	Tama County	2	13.44
8	Plymouth County	3	13.13
9	Grundy County	1	11.52
10	Wright County	2	11.48

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